

Weather-Ready Nation

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"Average" Year and Trends in the U.S.



650 Deaths
15B in Losses



26,000 Severe Thunderstorms



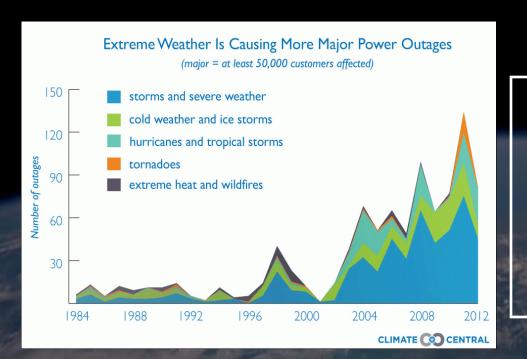
6 Atlantic Basin Hurricanes



1,300 Tornadoes

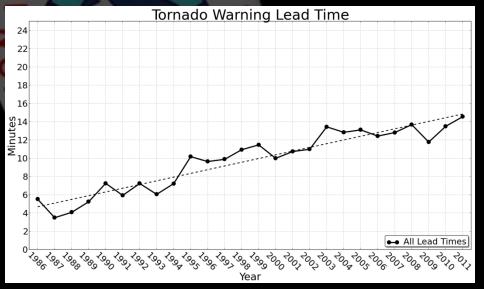


5,000 Floods



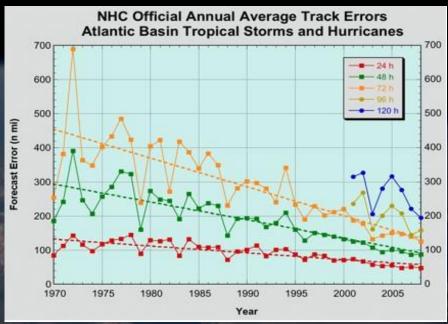
Regardless of the cause, the trend shows an increasing number of extreme weather events at increasing cost to the nation

While the NWS has Improving Forecasts









Societal Impacts Tell a Different Story

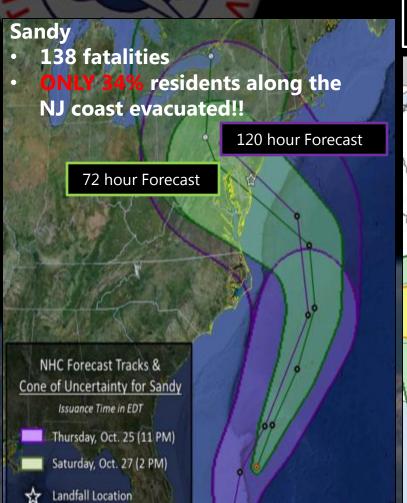




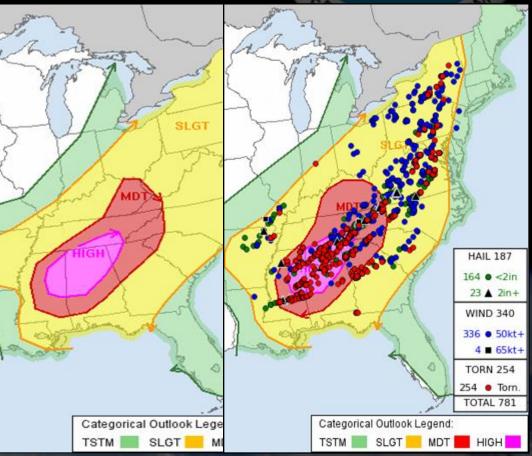
Looking west-northwest from Virginia Tech's Stadium as lightning strikes at a distance of 0.6 miles. The strike occurred at 8:50 P.M. on Aug 27, 2000, moments before the opening kickoff (courtesy of the Roanoke Times 2000).



Extreme Events Are Well Forecasted For But...



April 28-29th 2011: Deadliest outbreak since 1932 ~190 tornadoes ~311 fatalities



We NEED YOU!

To Help Us Build A Weather-Ready Nation.

We need YOU to help build a Weather-Ready Nation (WRN). By building a WRN, you can help change the way America responds to disasters.

Building a WRN requires action from America's Weather Industry, local and state emergency managers, researches, the media, local schools, nonprofits and businesses.

Join us in engaging your local community to make this country responsive and resilient to all weather events and become an Weather-Ready Nation Ambassador!









What are the Duties of a WRN Ambassador?

- Maintain active dialog with your local NOAA representative
- Disseminate appropriate NOAA-generated information such as preparedness messages, and identify opportunities for collaboration including research initiatives and outreach events.
- Attend annual SKYWARN classes
- Become an active member in your community promoting weather safety and preparedness



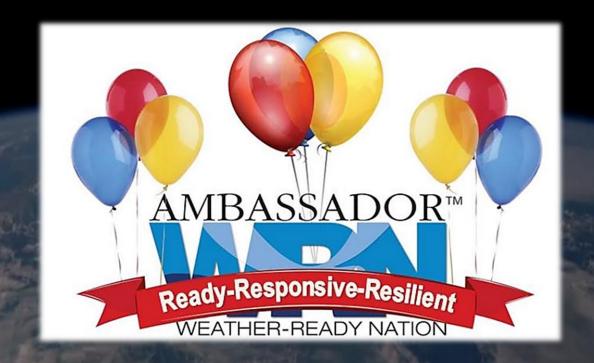




How can I become a Weather-Ready Nation Ambassador?

Go Here:

http://www.nws.noaa.gov/com/weatherreadynation/amb_tou.html





http://weather.gov/bgm http://weather.gov/buf http://weather.gov/aly http://weather.gov/okx

http://www.nws.noaa.gov/com/weatherreadynation/summer_safety.html

http://www.nws.noaa.gov/com/weatherreadynation/

WATCH vs. WARNING

CAUTION

- Check the forecast often
- Monitor the skies
- Know where to take shelter

DANGER

- Take shelter immediately!
- Seek further information
- Monitor the forecast

Watch-"Be Prepared"

Conditions are favorable for severe weather in or near the watch area. Watches are issued for tornadoes, severe thunderstorms and flash floods.

Warning- "Take Action"

The severe weather event is imminent or occurring in the warned area. Warnings are issued for tornadoes, severe thunderstorms, flash floods and river flooding. Issued by NWS Binghamton for central New York and northeast Pennsylvania.